

B. S.; DMITRIYEV, A. G.; ZHUKOVSKIY, N. N.; MALOYAN, A. G.

"New Data on the Gamma Spectrum of Eu^{152} ($t_{1/2} = 12.3 \text{ y}$)."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

Radiyevyy Inst (Radium Inst)

DZHELEPOV, B.S.; ZHUKOVSKIY, N.N.; KHOL'NOV, Yu.V., kand.fiz.-mat.nauk;
ovt.red.; KAL', M.M., red.isd-va; ZAMARAYEVA, R.A., tekhn.red.

[Isobaric nuclei with an atomic number of 110] Izobarnye iadra
s massovym chislom $A=110$. Moskva, Izd-vo Akad.nauk SSSR, 1960.
72 p. (Svoistva atomnykh iader, no.4). (MIRA 13:11)
(Isobars, Nuclear)

05508

S/048/60/024/007/021/032/XX
B019/B056

24.6720

AUTHORS: Voinova, N. A., Dzheleпов, B. S., and Zhukovskiy, N. N.

TITLE: The γ Emission of Zr^{95}_{79} + Nb^{95}_{79}

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1960, Vol. 24, No. 7, pp. 850-851

TEXT: This paper was read at the 10th All-Union Conference on Nuclear Spectroscopy, which took place from January 19 to January 27, 1960 at Moscow. The investigations were carried out by means of an electron under standard conditions (Ref. 1); as source 5 g of $Zr(SO_4)_2$ was used, which was produced from fission products. In the source, Zr^{95} and its daughter product Nb^{95} were nearly in equilibrium. In Fig. 1, the spectrum of the recoil electrons is represented. In the energy range of from 100 to 1200 kev only two lines (720 ± 5 and 762 ± 2 kev) were observed. The first line belongs to Zr^{95} . According to data obtained by other authors, two lines should be present within the range of the second line, at 757 and 767 kev. The values obtained by the authors permit no separation of the

Card 1/3

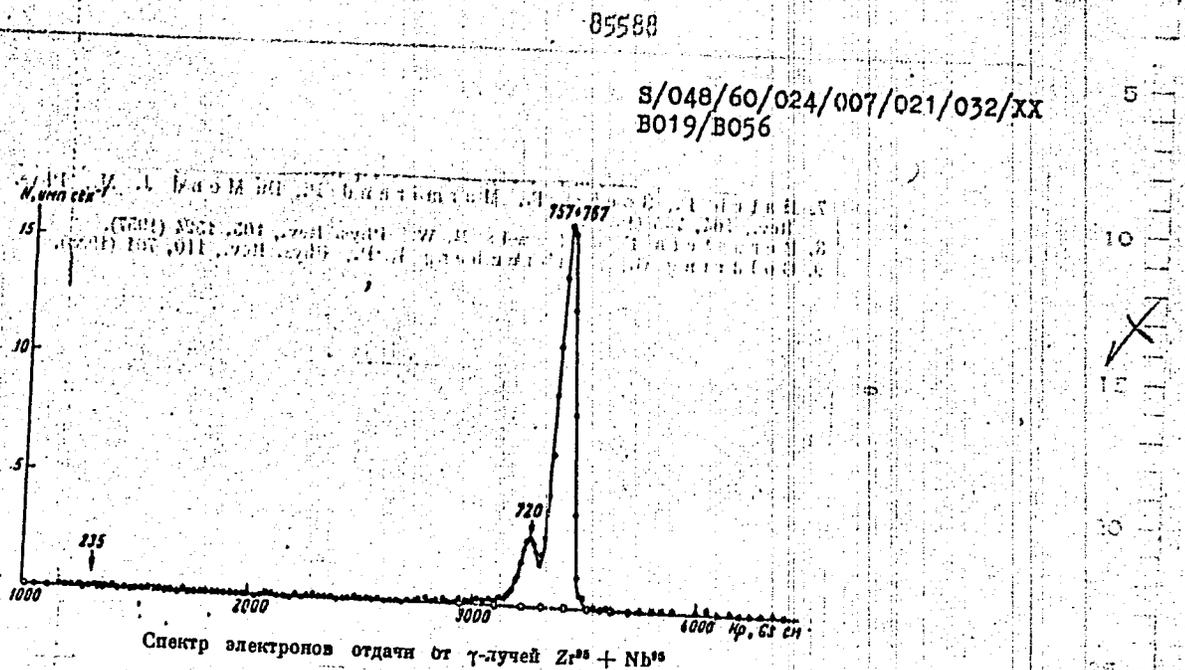
85588

The γ Emission of Zr^{95} + Nb^{95}

S/048/60/024/007/021/032/XX
B019/B056

762 \pm 2 kev line. The intensity ratio of the two lines determined here is 0.14 \pm 0.02. In the energy range of from 100 to 720 kev no lines could be found. Should any lines, however, exist there, their intensity must be less than 0.6% of the intensity of the 762 kev line. The highest possible intensity of any line existing above 770 kev can be 0.5% of the intensity of the 762 kev line. There are 1 figure and 13 references: 2 Soviet, 9 US.

ASSOCIATION: Radiyevyy institut im. V. G. Khlopina Akademii nauk SSSR
(Radium Institute imeni V. G. Khlopin of the Academy of
Sciences, USSR)



S/048/60/024/007/022/032/XX
B019/B056

24.6720

AUTHORS:

Voinova, N. A., Dzhalepov, B. S., Zhukovskiy, N. N., and Khol'nov, Yu. V.

TITLE:

The γ -Emission of Tb^{160} /9

PERIODICAL:

Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1960, Vol. 24, No. 7, pp. 852-857

TEXT: This paper was read at the 10th All-Union Conference on Nuclear Spectroscopy, which took place from January 19 to January 27, 1960 at Moscow. The γ -emission of Tb^{160} was investigated by means of two γ -spectrometers, which evaluate the recoil electrons of the rytron and the elotron; their source was 0.146 g terbium oxide with an activity of roughly 800 millicuries. By means of the rytron, the spectrum was investigated according to the photoelectrons within the energy range from 80 to 300 kev; as a converter, a bismuth target was used. From 200 to 1700 kev the spectrum was investigated according to the recoil electrons under conditions that are normal for a rytron and an elotron. In Fig. 1 the photoelectron spectrum, obtained by means of the rytron, in Fig. 2 the recoil electron

The γ -Emission of Tb^{160}

S/048/60/024/007/022/032/XX
B019/B056

spectrum, obtained by means of the elotron, and in Fig. 3 the recoil electron spectrum, obtained by means of the rytron is shown. In the Table, the energies and the relative intensities of the lines obtained by the authors are given. In the first column of the Table, the lines are numbered, in the second, the energies are given in kev, and in the third column the relative intensities (elotron, recoil electron), in the fourth column the relative intensities (rytron, recoil electron), and in the fifth column the relative intensities (rytron, photoelectron) are given. In the further columns, values obtained by Ye. Grigor'yev et al. (Ref. 4), Bäckström (Ref. 3), Jaffé (Ref. 6), Thiry (Ref. 7), Nathan (Ref. 8), Clark and Knowles (Ref. 9), Ofer (Ref. 10), and Clark (Ref. 11) are given. All lines measured are in the decay scheme of Tb^{160} shown in Fig. 4. There are 4 figures, 1 table, and 11 references: 3 Soviet, 4 US, 2 British, 1 Canadian, and 1 Swedish.

ASSOCIATION: Radiyevyy institut im. V. G. Khlopina Akademii nauk SSSR
(Radium Institute imeni V. G. Khlopin of the Academy of
Sciences, USSR)

VOINOVA, N.A.; DZHELEPOV, B.S.; ZHUKOVSKIY, N.N.

Gamma radiation from Zr^{95} + Nb^{95} . Izv.AN SSSR Ser.fiz. 24 no.7:
850-851 '60. (MIRA 13:7)

1. Radiyevyy institut imeni V.G.Khlopina Akademii nauk SSSR.
(Gamma rays)
(Zirconium--Isotopes)
(Niobium--Isotopes)

VOINOVA, N.A.; DZHELEPOV, B.S.; ZHUKOVSKIY, N.N.; KHOL'NOV, Ya.V.

Gamma radiation from Tb¹⁶⁰. Izv.AN SSSR Ser.fiz. 24 no.7:852-857
Jl '60. (MIRA 13:?)

1. Radiyevyy institut imeni V.G.Khlopina Akademii nauk SSSR.
(Gamma rays) (Terbium--Isotopes)

ZHUKOVSKIY, N.N.

U S S R

✓ γ -Radiation of iron-59. B. S. Dezhnev, N. N. Zhukovskii, and Yu. V. Nikol'sov. *Doklady Akad. Nauk S.S.S.R.* 86, 497-9 (1952); *Science Abstr. SdA*, 333 (1953). Energy curves of the γ -radiations of ^{59}Fe , as detd. with a γ -spectrometer, are shown. The γ -spectrum consists of 3 lines of 1.109 ± 0.011 and 1.378 ± 0.013 m.e.v. energy and 1.39 \pm 0.05:1 relative intensity. R. L. C.

1. ZHUKOVSKIY, N.N.

2. USSR (600)

"A Review of Basic Phenomena in the Natural Formation of a River Bed." In the collection Problems of Hydraulic Engineering of Open Rivers, 1948. (329-363)

9. Meteorologiya i Gidrologiya, No 3, 1949. Report U-2551, 30 Oct 52.

PROCESSES AND PROPERTIES INDEX

Introduction of the use of ore fines briquetted according to the method of Yarkho in the iron ore industry. N. P. Zbukoyakil. *Ural. Mt. S.* No. 6, 58 (1941); *Chem. Zvezdy*, 1940, 1, 3163. -- Briquets for Martin furnaces must have the following compn.: Fe (≥ 62), SiO₂ (≤ 8), other slag-forming materials ≤ 3, water ≤ 2 (water of hydration ≤ 0.05) and P and S ≤ 0.007%. The briquets must also weigh 8-10 kg, and measure 100-125 × 300-250 mm, and have a resistance of 50 kg./sq. cm. and a porosity of 5-10%. They must not disintegrate when heated to 1500° (for 3 min. and the fracture produced by a drop of 2 m. must not exceed 10% (4 mm)). Good results were obtained with the briquetting process of Yarkho. The ore was not mixed with iron filings but rather with metallic iron sponge produced by reduction of a part of the ore. A 2% NaCl soln. was added to the mix and the material was compressed at 200-400 kg./sq. cm. M. G. M.

ASA-51A METALLURGICAL LITERATURE CLASSIFICATION

1970-1971

ZHUKOVSKIY, N. P.

Beets and Beet Sugar

Practices of leading tractor drivers on beet farm. Sakh. prom. 26 No. 5, 1952

Monthly List of Russian Accessions, Library of Congress October 1952 UNCLASSIFIED.

1. ZHUKOVSKIY, N. P.
2. USSR (600)
4. Agricultural Machinery
7. Results of production tests on the Mastenko hill check apparatus, Sakh.prom. 26 no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. ZHUKOVSKIY, N.P.
2. USSR (600)
4. Cultivators
7. New machine for cultivating between vineyard rows, Sel'khoz mashina no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

ZHUKOVSKIY, N.P., kandidat sel'skokhozyaystvennykh nauk.

New deep plow for vineyards. Sel'khoz mashina no. 11:14-15 N '53.

(MLRA 6:11)

(Plows)

1. ZHUKOVSKIY, N. P.
2. USSR (600)
4. Beets and Beet Sugar
7. Harvesting sugar beets with the SKEM-e triple row sugar beet combine. Sakh. prom. 27, no. 2, 1953.

9. Monthly List of Russian Accessions Library of Congress

ZHUKOVSKIY, N.P.; PETROV, A.S.

Graphic method for the determination of ore dressing indices.
Obog. rud. 8 no.2:32-34 '63. (MIRA 17:2)

ZHUKOVSKIY, N.P.; PETROV, A.S.

Use of triangular diagrams for the determination of ore dressing
indices. Obog. rud. 6 no.5:28-31 '61. (MIRA 15:1)
(Ore dressing)
(Mineralogy, Determinative—Graphic methods)

TITKOV, N.P.; ZHUKOVSKIY, N.P.; SHAPIRO, R.B.

Efficient flowsheets for the dressing of iron ores. Obog. rud
5 no.5:3-20 '60. (MIRA 14:8)
(Iron ores) (Ore dressing)

ZHUKOVSKIY, Nikolay Platonovich; PETROV, Aleksey Semenovich;
BLOKH, L.S., inzh.; SEGAL', L.S., inzh.; BERGER, G.S.,
kand. tekhn.nauk, retsenzent; KRASNOMOVETS, A.V., otv.
red.

[Graphic methods of technological calculations in the de-
sign of ore-dressing plants] Graficheskie metody tekhnolo-
gicheskikh raschetov pri proektirovanii obogatitel'nykh fab-
rik. Moskva, Izd-vo "Nedra," 1964. 168 p. (MIRA 17:4)

ZHUKOVSKIY, P.G.

USSR/Chemical Technology. Chemical Products and Their Application -- Food industry,
I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6736

Author: Zhukovskiy, P. G.

Institution: None

Title: Accelerated Method for Hot Smoking of Fish of the Sturgeon Family

Original

Publication: Ryb. kh-vo, 1955, No 11, 11-13

Abstract: Thermal conditions of smoking have been modified by increasing the temperature of the first stage, during pre-drying and cooking of the fish, to 160-180°, in lieu of 80°, which reduces duration of smoking from 3 hours to 2 hours 15 minutes, without lowering the quality of the finished product.

ZHUKOVSKIY, P.G.

USSR/Chemical Technology - Chemical Products and Their
Application. Food Industry.

I-13

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 3006

Author : Zhukovskiy, P.G.

Inst :

Title : Keeping of Fish in Cold Water

Orig Pub : Rybn. kh-vo, 1957, No 7, 35-37

Abstract : Experimental work was carried out on determination of the rate of cooling of Salmonoid fishes in filling barrels of 2.5 centner capacity, and on keeping them in cooled sea water at a temperature of minus 0.5-1° can be attained in 1.5-2 hours in the case of humpback salmon, and 2-2.5 hours in the case of Siberian salmon. At this temperature the physico-chemical changes in the body of fish occur at a decreased rate; after keeping for 48 hours Siberian salmon is still in the state of rigor mortis.

Card 1/1

USSR/Chemical Technology. Chemical Products and Their Application -- Food industry,
I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6737

Author: Zhukovskiy, P. G.

Institution: None

Title: Effect of the Phytoncides of Mustard on Extension of the Length of
Storage of Hot-Smoked Fish

Original

Publication: Ryb. kh-vo, 1956, No 6, 28-30

Abstract: Hot-smoked fish (cod, bream, sturgeon, whitefish, perch fillets) was stored in mustard vapor, with continuous or intermittent exposure thereto. With a low concentration of the phytoncides and a short duration of their action, at 18-25^o, whitefish keeps for 5-6 days, cod and bream for 10-12 days. With a high concentration and prolonged action of the phytoncides, quality and appearance of the fish are impaired (color becomes light, the meat is yellowish, the smell of mustard is noticeable). Recommendations are given on the storage of

Card 1/2

USSR/Chemical Technology. Chemical Products and Their Application -- Food industry,
I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6737

Abstract: hot-smoked fish in phytoncide atmosphere, under commercial conditions.
It is pointed out that with proper equipment of transport means it is
possible to ship hot-smoked fish over hauls of 2-3 day duration.

Card 2/2

ZHUKOVSKIY, P. M. (Prof., Dr.)

Zemledel'cheskaya Turtsiya (Agricultural Turkey), Moscow-Leningrad, 1933.

SO: Bol'shaya Sovetskaya Entsikoped'ya (2nd Ed.) XVI, Moscow 1949.

ZHUKOVSKIY, P. M.

Etyudy v oblasti gibrizatsii immuniteta i transplantatsii rasteniy (Studies in
the Field of Hybridization, Immunity, and Transplanting of Plants), Moscow, 1944.

SO: Bol'shaya sovetskaya entikoped'ya (2nd Ed.) XVI, Moscow, 1949.

ZHKOVSKIY, P. M., Academician.

All-Union Agricultural Academy i/n Lenin (-1944-)

"Author of Classical Works" Vest. Ak Nauk SSSR, No. 10, 1944.

BR-52059019

ZHUKOVSKIY, P.

PA 28/49T66

USSR/Medicine - Botany
Medicine - Environment

Mar/Apr 48

"Systematization and Geography of Cultivated Vegetations
at the Coming Fourth All-Union Botanical Convention,"
P. Zhukovskiy, 2 pp

"Botan Zhur" No 2

Urges compilation of data in a report to be presented
at subject Conference to give a clear picture of
systems and geography of USSR flora. Recognizes
difficulties presented by two-continent width of the
country, but urges completion of this task for better
use of USSR plant resources.

28/49T66

ZHUKOVSKIY, P. M.

110

Significance of photoenergy and carotenoids in sexual and asexual reproduction in plant life. P. M. Zhukovskii and Zh. Medvedev. *Lipetsk Sovetskii Nauchnyi Zhurnal* 5(7)-14 (1948).—A review with 30 references. J. F. S.

ZHUKOVSKIY, P. M.

Botanika (Botany), Third Edition, Moscow, 1949.

SO: Bol'shaya Sovetskaya Entsikopediya (2nd Ed.) XVI, Moscow, 1949.

ZHUKOVSKIY, P.M.

CA

110

Extraplasmic carotenoids and sporogenesis. P. M. Zhukovskiy and Zhi Medvedev. *Doklady Akad. Nauk S.S.S.R.* 64, 111-4(1949); cf. *Uspehi Sovershennoi Biol.* 1948, No. 4. The dependence of sporogenesis on carotenoids is confirmed. The interaction of the sporogenic tissues with extraplasmic carotenoids dissolved in fat droplets has been observed at all stages of growth in a variety of spore-bearing plants. These droplets are readily observed in all specimens, although some carotenoids are also found in the cell juices and in intercellular passages. Careful pressing (up to 20 atm.) and centrifuging allows a separ. of the intercellular fluids and the cell juices without damage to the cells. The specimens taken from *Glaucium faros* yield an emulsion the fat phase of which has up to 300 mg./100 g. of carotene. The highest value found so far is 400 mg. % in *Verticillium stentile*.
G. M. Kosolapoff

Moscow Agric. Acad. im K. A. Timiryazev

A.S.A. METALLOGICAL LITERATURE CLASSIFICATION

ZHUKOVSKIY, P. M. 11a

CA

The connection of generative functions of plants with carotenoids. P. M. Zhukovskiy and Zh. Medvedev. Doklady Akad. Nauk S.S.S.R. 66, 968-7(1949). Chromatographic analysis was used to follow carotene deriva. during growth cycle of plants, using anthers and petals, in Calif. poppy, jasmine, squash, and St. John's wort. In the anthers the level of carotene and phytonan-thines rises steadily through budding and culminates in high values during flowering. A similar result is observed in the petal from beginning of budding until falling of petals. Attempts to grow pollen of *Gossypo biloba* in artificial media failed; it can be grown only in the fluid exuded by the reproductive organs of the plant. G. M. Kosolapoff

Active Mem. All Acad. Agr. Sci. in U. S. S. R.

ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION

ZHUKOVSKIY, Petr Mikhailovich, 1888-

Cultivated plants and related species; textbook Moskva, Sovetskaya nauka, 1950.
595 p. 51-27921

Sb91.Z5

1. Plants, Cultivated.

ZHUKOVSKIY, P.M. [author]; BARBARYCH, A.I. [reviewer].

"Cultivated plants and their related species (systematics, geography, ecology, utilization, and origin)." P.M. Zhukovskii. Reviewed by A.I. Barbarych. Bot. zhur. [Ukr.] 8 no.3:86-87 '51. (MIRA 6:9)

(Plants, Cultivated) (Zhukovskii, Petr Mikhailovich, 1888-)

ZHUKOVSKIY, P. (M) Academician, Director of Soviet Plant Institute, B. Sechkarev, Head,
Truck Crops Dept, and S. Alexandrov, Dir, Protected Crops Laboratory

"More Vegetables for Leningrad"

Izvestiya, 2 March 1952, p2.

Current Digest of the Soviet Press, Vol 4, No 12, 1952, p32

ZHUKOVSKIY, P. Academician

"Flora of the USSR" Review by P. Zhukovskiy

Izvestiya, 12 April 1952, p.2
Current Digest of the Soviet Press, Vol 4, No 15, 1952, p34

ZHUKOVSKIY, P.M.

Zernoye bobovye kul'tury (Pulse
crops) Moskva, Selkhozgiz, 1953. 349 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 5, August 1954

ZHUKOVSKIY, P. M.

Krupyanyye kul'tury (Grain Cultivation), a symposium, edited by Academician P. M. Zhukovskiy, Sel'khozgiz, 15 sheets.

The monograph describes the history of millet, buckwheat, rice, and foxtail millet, their regional distribution, chemical composition, use, botanical characteristics, biological properties, and types and methods of cultivation. The monograph devotes considerable attention to new technical agronomy methods employing irrigation, and for each cultivation generalizes the experience of leading kolkhozes in obtaining high yields.

This work is intended for supervisory workers of machine-tractor stations, sovkhozes, and kolkhozes.

SO: U-6472, 18 Nov 1954

ZHUKOVSKIY, P.M., redaktor; SOCHAYA, V.B., redaktor; SHUKACHEV, V.H.,
redaktor; TIKHOMIROV, B.A., redaktor; SHISHKIN, B.K., redaktor;
LITKEVICH, S.V., redaktor izdatel'stva; YAKOVLEVA, B.M., redaktor
izdatel'stva; PEVNER, P.S., tekhnicheskiy redaktor

[Problems in botany] Problemy botaniki. Pod obshchei red. P.M.
Zhukovskogo, i dr. Moskva, Izd-vo Akademii nauk SSSR, Vol.2. 1955.
374 p. (MLA 9:8)

1. Vsesoyuznoye botanicheskoye obshchestvo. 2. President Vse-
soyuznogo botanicheskogo obshchestva (for Sukachev)
(Botany)

ZHUKOVSKIY, P.M.

ZHUKOVSKIY, P.M.

Problem of cultivated plants' immunity to diseases. Probl.bot.
no.2:206-222 '55. (MIRA 8:11)
(Plants--Disease and pest resistance)

ZHUKOVSKIY, Petr Mikhaylovich, akademik; FURMAN, G.V., tekhnicheskiy
redaktor

[The origin of cultivated plants] Proiskhozhdenie kul'turnykh
rastenii. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoyuznoe obshche-
stvo po rasprostraneniю politicheskikh i nauchnykh znaniy. Ser. 3.
nos. 38/39) (MIRA 9:9)
(Plants, Cultivated)

USSR/Cultivated Plants - Grains.

ii.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 44025

Author : Vallega, Jose, Zhlukovskiy, P.M.

Inst : The All-Union Institute for Plant Cultivation of VASKHNIL
(All-Union Acad. of Agric. Sciences Im. V.I. Lenin)

Title : Trials in Argentina of the Ecological Types of Different
Varieties of Wheat with Respect to Their Resistance to
the Physiological Races of Brown and Stem Rusts Upon
Being Artificially Infected with Them.

Orig Pub : Byul. Vses. in-ta rasteniyevodstva. VASKHNIL, 1956, No 2,
23-29

Abstract : The best selected wheat varieties in USSR with regard to
resistance were created by hybridization with Argentine
varieties. The physiological strains *Puccinia triticina*
u *P. graminis* which exist in Argentina are absent in our

Card 1/2

ZHUKOVSKIY, P.M.

Importance of world collections of the All-Union Institute of Plant
Industry for general and particular problems in breeding. Bot.zhur.
41 no.2:161-171 P '56. (MIRA 9:7)

1. Vsesoyuznyy institut rasteniyevodstva i Vsesoyuznaya Akademiya
sel'skokhozyaystvennykh nauk imeni Lenina.
(Plants--Collection and preservation) (Plant breeding)

ZHUKOVSKIY, Petr Mikhaylovich

[World plant resources at the service of Soviet plant breeders]
Mirovye rastitel'nye resursy na sluzhbe sovetskoi selektsii.
Moskva, Ministerstvo sel'skogo khoziaistva SSSR, 1957. 15 p.
(Plant breeding) (MIRA 12:3)

ZHUKOVSKIY, P.M.

VAVILOV, N.I. akademik; BAKHTIYEV, F.Kh., professor, doktor sel'skokhozyaystvennykh nauk, otvetstvennyy redaktor; BARANOV, P.A., redaktor; BAKHTIYEV, F.Kh., redaktor; DAVITAYA, F.F., redaktor; ZHUKOVSKIY, P.M., redaktor; IVANOV, N.P., redaktor; SUKACHEV, V.N., akademik, redaktor; TSITSIN, N.V., akademik, redaktor; VIKHREV, S.D., redaktor izdatel'stva; BLINICH, E.Yu., tekhnicheskiy redaktor.

[World resources of varieties of grain, pulse crops and flax, and their utilisation in plant breeding Agroecological survey of the most important field crops] Mirovye resursy sortov khlebnnykh zlakov, sernovykh bobovykh, l'na i ikh ispol'zovanie v selektsii. Moskva, Izd-vo Akad.nauk SSSR. Opyt Agroekologicheskogo obozrenia vashneishikh polevykh kur'tur. 1957. 462 p. (MLRA 10:5)

1. Chlen-korrespondent Akademii nauk SSSR(for Baranov) 2. Deystvitel'nyy chlen Vsesoyusnoy Akademii sel'skokhozyaystvennykh nauk im. Lenina(for Zhukovskiy)

(Field crops)

~~ZHUKOVSKIY, P.M.~~
YAKUBTSINER, M.M.; ZHUKOVSKIY, P.M., akademik, red.; SINYAKOVA, L.A., red.;
CHUMAYEVA, E.V., tekhn.red.

[Wheat in the U.S.S.R.] Pshenitsa v SSSR. Moskva, Gos.izd-vo
sel'khoz. lit-ry, 1957. 632 p. (MIRA 11:3)
(Wheat)

USSR/General Biology. Genetics. Plant Genetics.

B

Abs Jour: Ref Zhur-Biol., No 17, 1958, 76322.

Author : Zhukovskiy, P.M.

Inst :

Title : Notes on the Utilization of Crossbred Vigor and Poliploidy in Selection.

Orig Pub: Biol./Vses. In-ta rasteniyevodstva, 1957, No 3, 43-48.

Abstract: The author gives the classification of the different types of crossbred vigor. He reports on the economic importance in world selection of the inbred line of corn, onions, castor beans, tomatoes, pepper, egg-plant, carrots, sugar beets, sorghum and in many gourd plants. The economic value of the poliploidy method is made clear in the selection and seed growing of sugar beets and potatoes. Newly per-

Card : 1/2

USSR/General Biology - Genetics. Plants Genetics.

B.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 94663

Author : Zhukovskiy, P.M., Rodionova, N.A.

Inst : -

Title : Synthesis of Cultivated Types of 42-Chromosome Wheats Resistant to Diseases.

Orig Pub : Tr. po prikl. botan., genet. i selektsii, 1957, 30, No 3, 271-277

Abstract : Amphidiploids-fungicide wheat *T. fungicidum* Zhuk. (amphidiploid from cross breeding *T. Timopheevi* Zhuk., with Persian wheat, *T. carthlicum* Nevski; 2 n equals 56) and haynaticum, *Haynaticum* Zhuk (amphidiploid from cross breeding between one-grained wheat, *T. dicoccum farrum* Al., X *Haynaldia villosa* Schurr.; 2 n equals 42) which were obtained by Zhukovskiy and are immune to diseases were cross bred with wheats of the 42-chromosome series susceptible to diseases. Hybrid families of combinations with *Haynaticum*

Card 1/2

ZHUKOVSKIY, P.M.

G.I.Tanfil'ev on geography and history of cultivated plants.
Bot.shur. 42 no.9:1354-1360 S '57. (MIRA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rasteniyevodstva,
Leningrad.
(Tanfil'ev, Gavriil Ivanovich, 1857-1928) (Plants, Cultivated)

COUNTRY : USSR
CATEGORY : Cultivated Plants -General
ABS. JOUR. : RZBiol., No.19 / 1958, No. 86941
AUTHOR : Zhuravskiy, P. M.
INST. :
TITLE : Present State of the Problem of the Origin
of Cultivated Plants

ORIG. PUB. : Botan. zh., 1957, 42, No 11, 1596-1614

ABSTRACT : The author describes the current state of the problem. The origin of wheat, maize, rice, barley, sorghum, rice, beans, potatoes, pumpkin, tomatoes, cabbage, alfalfa, and of a number of other crops, evidence the very different course followed by man in evolving the present forms of cultivated plants. As a result it can be considered that some cultivated species were developed directly from the wild progenitor, by domestication, with the use of mutations and selection. At the same time the hybrid origin of many species of cultivated plants has been proved. In the evolution of a number of species, in the course of their cultivation, polyploidy had an important part. In the paper are reported many new facts which clarify

CARD: 1/2

BREZHNEV, D.D., akademik, prof.; GAZENBUSH, V.L.; KAMERAZ, A.Ya.;
MEDVEDEV, P.F.; MIZGIREVA, O.F.; FILOY, A.I.; ZHUKOVSKIY, P.M.,
akademik, prof., obshchiy red.; LEONT'YEV, V.M., red.; CHUNA-
YEVA, Z.V., tekhn.red.

[The flora of cultivated plants of the U.S.S.R.] Kul'turnaya
flora SSSR. Moskva, Gos.izd-vo sel'khoz.lit-ry. Vol.20.
[Vegetable plants of the nightshade family: tomato, eggplant,
black nightshade, melon pear, pepper (Capsicum), ground cherry,
mandragora] Ovoshechnye paslenovye; tomat, baklazhan, chernyi
paslen, dynnsia grusha, perets, fizalis, mandragora. 1958.
531 p. (MIRA 13:3)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.
Lenina (for Brezhnev, Zhukovskiy).
(Nightshade) (Vegetables)

ZHUKOVSKIY, P.M., red.; SOCHAVY, V.B., red.; SUKACHEV, V.N., red.;
TIKHOMIROV, B.A., red.; SHISHKIN, B.K., red.; ALEKSANDROV, V.G.,
red.; IL'IN, M.M., otvetstvennyy red; YAKOVLEVA, V.M., red.
izd-va; ZENDEL', R.Ye., tekhn.red.

[Problems of botany] Problemy botaniki. Pod obshchey red. R.M.
Zhukovskogo i dr. Moskva, Izd-vo Akad. nauk SSSR. Vol.3. 1958.
316 p. (MIRA 11:5)

1. Vsesoyuznoye botanicheskoye obshchestvo. 2. Prezident
Vsesoyuznogo botanicheskogo obshchestva (for Sukachev)
(Botany)

USSR/Cultivated Plants. General Problems.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77563:

Author : Zhukovskiy, P.M.

Inst :

Title : World Vegetation Resources in the Service of Soviet
Selection.

Orig Pub: Seleksiya i semenovodstvo, 1958, No 1, 8-20.

Abstract: No abstract.

Card : 1/1

ZHUKOVSKIY, P.M.

Life and work of Nikolai Ivanovich Vavilov; on the 70th anniversary
of his birth. Bot. zhur. 43 no.6:905-911 Je '58. (MIRA 11:7)

I.Vsesoyuznyy institut rasteniyevodstva, Leningrad.
(Vavilov, Nikolai Ivanovich, 1887-1942)

VAVILOV, Nikolay Ivanovich, akademik [deceased]; SUKACHEV, V.M., akademik, glavnyy red.; BARANOV, P.A., red.; BARULINA-VAVILOVA, Ye.I. [deceased]; red.; BAKHTIYEV, F.Kh., red.; ZHUKOVSKIY, P.M., red.; IPAT'YEV, A.N., red.; RODIN, L.Ye., otv.red.toma; YAKOVLEVA, V.M., red.izd-va; BLEYKH, E.Yu., tekhn.red..

[Selected works in five volumes] Izbrannye trudy v piati tomakh. Moskva, Izd-vo Akad.nauk SSSR. Vol.1.[Agricultural Afghanistan] 1959. 415 p. (MIRA 12:8)

1. Chlen-korrespondent AN SSSR (for Baranov). 2. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhoz.nauk imeni V.I.Lenina (for Zhukovskiy).
(Afghanistan--Agriculture)

ZHUKOVSKIY, P.M.

The important mission of wild plants in hybridizing them with cultivated plants. Trudy Bot.inst.Ser.6 no.7:35-39 '59.
(MIRA 1314)

1. Vsesoyuznyy institut rasteniyevodstva (VIR), Leningrad.
(Plant breeding)

ZHUKOVSKIY, P.M.

Through centers of the origin of cultivated plants in Latin America,
Bot. zhur. 44 no.2:262-272 F '59. (MIRA 12:6)
(Latin America--Botany)

ZHUKOVSKIY, P.M.

Through the centers of origin of cultivated plants in Latin America.
Bot. zhur. 44 no. 5: 722-737 My '59. (MIRA 12:11)

1. Vsesoyuznyy institut rasteniyevodstva, Leningrad.
(Latin America--Botany, Economic) (Domestication)

VAVILOV, Nikolay Ivanovich, akademik[deceased]; ZHUKOVSKIY, P.M.,
otv. red.; BAKHTEYEV, F.Kh., otv. red.

[Selected works in five volumes] Izbrannye trudy v piati
tomakh. Moskva, Nauka. Vol.4. [Problems of the immunity
of cultivated plants] Problemy immuniteta kul'turnykh ra-
stenii. 1964. 516 p. (MIRA 17:10)

ZHUKOVSKIY, P.M.

Genetic and botanical laws in the evolution of cultivated plants.
Genetika no.1:41-49 '65. (MIRA 18:10)

ZHUKOVSKIY, P.M., *otv. red.*; TROSHIN, A.S., *otv. red.*; ASTAJROV,
B.L., *red.*; ZHINKIN, L.N., *red.*; MATVEYEVA, T.S., *red.*;
SAKHAROV, V.V., *red.*; FEDOROV, A.A., *red.*; CHUKSANOVA,
N.A., *red.*

[Polyploidy and breeding; transactions] Poliploidia i se-
lektsiia; trudy. Moskva, Nauka, 1965. 322 p.

(MIRA 18:6)

1. Soveshchaniye po poliploidii, 1963. 2. Deystvitel'nyy
chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk
imeni V.I.Lenina (for Zhukovskiy). 3. Chlen-korrespondent
AN SSSR (for all except Zhukovskiy).

ZHUKOVSKIY, P.M. (Leningrad)

New horizons in wheat breeding. Bot. zhur. 49 no. 4: 546-
548 Ap'64. (MIRA 17:5)

ZHUKOVSKIY, P. M.

"Main achievements in the USSR since Vavilov's time on problems of origins of cultivated plants and gene centres in relation to plant breeding."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

Leningrad State Univ.

ZHUKOVSKIY, P.M.

Evolution of cultivated plants based on polyploidy. Bul.
MOIP. Otd. biol. 68 no.4:93-105 J1-Ag '63. (MIRA 16:10)

VAVILOV, Nikolay Ivanovich, akademik; SUKACHEV, V.N., akademik, .
glav. red.; BARANOV, P.A., zam. glav. red. [deceased];
ZHUKOVSKIY, P.M., zam. glav. red.; BARULINA-VAVILOVA,
Ye.I., red. [deceased]; BAKHTEYEV, F.Kh., otv. red. toma;
SINSKAYA, Ye.N., otv. red. toma; IPAT'YEV, A.N., red.;
RODIN, L.Ye., red.; YAKOVLEVA, V.M., red. izd-va;
GALIGANOVA, L.M., tekhn. red.

[Selected works in five volumes] Izbrannye trudy v piati tomakh. Moskva, Izd-vo Akad. nauk SSSR. Vol.3. [Problems of the geography, phylogeny, and breeding of wheat and rye. Plant resources and problems of the classification of cultivated plants] Problemy geografii, filogenii i seleksii pshenitsy i rzhi. Rastitel'nye resursy i voprosy sistematiki kul'turnykh rastenii. 1962. 531 p. (MIRA 15:7)

1. Chlen-korrespondent Akademii nauk SSSR (for Baranov).
2. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'sko-khozyaystvennykh nauk imeni V.I.Lenina (for Zhukovskiy).
(Wheat) (Rye)

ZHUKOVSKIY, P.M., prof.

Modern plant breeding methods. Priroda 51 no.5:52-60 My '62.
(MIRA 15:5)

(Plant breeding)

GORLENKO, M.V., prof., red.; ZHUKOVSKIY, P.M., akademik, red.; DUNIN, M.S., prof., red.; TVERSKOY, D.L., doktor biolog. nauk, red. SUVALOV, I.S., red.; ANTONOVA, N.M., tekhn. red.

[Immunity of plants to diseases and pests] Immunitet rastenii k bolezniam i vrediteliam. Pod obshechi red. M.V.Gorlenko. Moskva, Sel'khozgiz. 1961. 245 p. (MIRA 15:2)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I. Lenina.

(Plants—Diseases and pests)

ZHUKOVSKIY, P. M.

15714

USSR/Biology - Wheat
Genetics

11 Nov 49

"Genetic Composition of a New Species of Wheat,"
P. M. Zhukovskiy, Active Mem, All-Union Acad Agr
Sci imeni Lenin, 2 3/4 pp

"Dok Ak Nauk SSSR" Vol LXIX, No 2

Work of L. L. Dekaprelevich, V. L. Menabde, and
M. M. Yakubtsiner led to discovery of unusual,
new varieties of wheat. Lists 20 varieties of
Triticum L. and their habitats. Zhukovskiy
then describes variety he calls Tr. amplis-
sifolium Zhuk. Submitted 2 Aug 49.

TED

15714

SAVITSKIY, M.S., kand.sel'skokhoz.nauk; CHERNIKOVA, L.K.; ZHUKOVSKIY,
P.M., akademik, otv.red.; MARINICH, P.Ye., otv.red.; GRIGOR'YEVA,
A.I., red.; TETUYEVA, I.V., red.; GOR'KOVA, Z.D., tekhn.red.

[Manual on field testing of crops; new regionally certified varieties of grain, pulse crops for groats, oilseed and forage crops] Rukovodstvo po sprobatsii sel'skokhoziaistvennykh kul'tur; novye raionirovannye sorta zernovykh, krupianykh sernobobovykh, maslichnykh i kormovykh kul'tur. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1960. 411 p. (MIRA 13:11)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta rasteniyevodstva (for Zhukovskiy). 2. Zamestitel' predsedatelya Gosudarstvennoy komissii po sortoispytaniyu sel'skokhozyaystvennykh kul'tur (for Marinich).
(Field crops--Varieties)

ZHUKOVSKIY, Petr Mikhaylovich; ATABEKOVA, A.I., red.

[Botany] Botanika. Izd.4., perer. i dop. Moskva,
Vysshaya shkola, 1964. 666 p. (MIRA 13:1)

ZHUKOVSKIY, R.A.; GORODETSKIY, P.I., prof., doktor tekhn.nauk; KREMENA, P.A.,
inzh.-ekonomist

Discussing N.N.Patrikeev's article "Cost accounting in mining."
Gor.zhur. no.1:35-42 Ja '59. (MIRA 12:1)

1. Gornoye upravleniye Nizhne-Tagil'skogo metallurgicheskogo
kombinata (for Zhukovskiy). 2. Leningradskiy gornyy institut
(for Gorodetskiy). 3. Ukrainskiy nauchno-issledovatel'skiy institut
organizatsii i mekhanizatsii shakhtnogo stroitel'stva, Khar'kov
(for Kremena).

(Mining engineering--Accounting) (Cost accounting)

1. ZHUKOVSKIY, R. A.
2. USSR (600)
4. Mining Industry and Finance
7. Experience with the organization of local financing in the mines. Gor zhur no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

AUTHOR: Zhukovskiy, R. A. SOV/127-59-1-9/26

TITLE: ~~The Problems of Cost Calculation in the Ore Mining Industry~~
(Voprosy ucheta sebestoimosti v gornorudnoy promyshlennosti)

PERIODICAL: Gornyy zhurnal 1959, Nr 1, pp 35-38 (USSR)

ABSTRACT: This is a discussion of the article by N.N. Patrikeyev in issue Nr 8 (1958) of this periodical on the cost calculation problems in the mining industry. Despite the higher number of indices suggested by the author, this calculation method cannot improve the quality of calculation analysis. It operates with data on costs absolutely different for each mine and the planned and quantitative indices are not taken into consideration. The author advises the retention of the present calculation method with slight modifications. There is 1 table.

ASSOCIATION: Gornoye upravleniye Nizhne-Tagil'skogo metallurgicheskogo kombinata. (The Mining Administration of the Nizhniy-Tagil' Metallurgical Combine)

Card 1/1

ZHUKOVSKIY, S., general-leytenant aviatsii; TABRATOV, P., podpolkovnik

Maturity features. Av.1 kosm. 45 no.3:27-32 Nr '63. (MIRA 16:3)
(Air pilots)

ZHUKOVSKIY, S.G.

Effect of air temperature and light intensity on the behavior of the
frit fly *Oscinella frit* L. Zool. zhur. 40 no.3:386-392 Mr '61.

(MIRA 14:3)

1. All-Union Institute of Plant Protection, Leningrad.
(Frit flies) (Temperature—Physiological effect)
(Light—Physiological effect)

ZHUKOVSKIY, S.O.

Seminár on corn pests. Zashch. rast. ot vred. 1 bol. 6 no. 10:60
0 '61. (MIRA 16:6)

(Corn(Maize)—Diseases and pests)

ZHUKOVSKIY, S.G.

Resistance of wheat to the frit fly in various vertical zones of
the Daghestan A.S.S.R. Vop. skol. 7:58-60 '62. (MIRA 16:5)

1. Vsesoyuznyy institut zashchity rasteniy, Leningrad.
(Daghestan--Wheat--Disease and pest resistance)
(Daghestan--Frit flies)

ZHUKOVSKIY, S.G.; YEFIMOVA, L.F.; ROZANOVA, A.A., agronom;
LOSEVA, V.G., agronom; RUDENKO, D.K., kand. sel'skokhoz.
nauk; KAPUSTINSKIY, A.F., fitopatolog; MELESHKO, A.I.,
mladshiy nauchnyy sotrudnik

Brief information. Zashch. rast. ot vred. i bol. 8 no.3:24,
53-54 Mr '63. (MIRA 17:1)

1. Vsesoyuznyy institut zashchity rasteniy (for Zhukovskiy,
Yefimova, Rudenko, Meleshko). 2. Biolaboratoriya karantinnoy
inspektsii UzSSR (for Rozanova, Loseva).

ZHUKOVSKIY, S. N.

"Investigation of the Work of Stirrups and Folds in Concrete Beams in the Area of Action of a Transverse Force and the Method of Determining the Cross Section of the Beam Under Great Stress."
Cand Tech Sci, L'vov Polytechnic L'vov, 1954.

SO: Sum 432, 29 Mar 55

ZHUKOVSKIY, S.R.; KAZANTSEV, V.F.; MAKAROV, L.O.

Using high speed cinematography for investigating the processes occurring in fluids under the action of ultrasonic waves. Zhur. nauch.i prikl.fot.i kin. 5 no.2:133-140 Mr-Ap '60. (MIRA 14:5)

1. Kafedra uchebnoy i nauchnoy fotografii i kinematografii Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova i Akusticheskiy institut AN SSSR.
(Motion-picture photography--Scientific applications)
(Ultrasonic waves)

ZHUKOVSKIY, S.R.; FAL'KON, M.; EYGELBS, R.M.

Use of high speed motion-picture photography for the study of
rock breaking. Zhur. nauch. i prikl. fot. i kin. 6 no.1:50-52
Ja-F '61. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut burovoy tekhniki
i Moskovskiy gosudarstvennyy universitet, kafedra uchebnoy i
nauchnoy fotografii i kinematografii.

(Motion-picture photography—Scientific applications)
(Boring)

ZHUKOVSKIY, S.R.

Some synchronization methods for ultra high-speed cinematography;
experiences gained in operating the FP-22 camera. Zhur.nauch,1
prikl.fot.i kin. 5 no.1:48-53 Ja-F '60. (MIRA 13:5)

1. Kafedra uchebnoy i nauchnoy fotografii i kinematografii
Moskovskogo gosudarstvennogo universiteta.
(Motion-picture photography, High-speed)

ZHUKOVSKIY, S. R.

"Investigation and Correction of the Frequency Characteristics of the Sound Tracks of Movie Films." Sub 8 Feb 51, Sci Res Cinephotographic Inst (NIKFI) [Cand Tech Sci]

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

ZHUKOVSKIY, S.R.; PEREVERZEV, V.K.

High-speed cinematography as a method for the investigation of
metal coating formation. Usp.nauch.fot. 6:175-179 '59.

(Metal spraying)

(MIRA 13:6)
(Motion pictures in industry)

Zhu Kovskiy, S.S.

None given
 SOV/180-59-4-47/AB
 A Conference on the Accuracy of Machine Building Castings
 Investitsiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Metallurgiya i topivo, 1959, Nr 4, pp 355-356 (USSR)
 A conference on the above subject took place in the Institute of Machine Building of the Academy of Sciences of the USSR on 22-24th April 1959. About 500 representatives of scientific-research institutes, laboratories, universities, and largest works from 34 towns participated in the conference. The following papers were read:
 B.B. Gulvayev "On present state of studies of the accuracy of castings";
 V.V. Zhuravlyov "On the accuracy of castings";
 V.A. Vorob'ev "Analytical evaluation of dimensions of castings";
 Yu.A. Vorob'ev "Theoretical and experimental investigations of the accuracy of castings";
 A.P. Yezovnikov "The system of allowances for mechanical working of castings";
 Ye.G. Efremovich "Methods for the determination of tolerances for dimensions of cast parts";
 S.A. Korzenko "Methods of controlling the cleanliness of the surfaces of castings";
 I. G. Zhuravlyov "The influence of stresses formed during casting on the accuracy of castings";
 A. G. Zhuravlyov "The process of packing moulds for castings";
 V.V. Zhuravlyov "The accuracy of castings";
 S.S. Zhuravlyov "The accuracy of castings";
 S.S. Zhuravlyov "Sources of errors in the dimensions of castings caused by specific features of operation of the pattern-mould boxes equipment";
 A.M. Dubrovskiy "Typical deformations of casting moulds";
 V.D. Lukavskiy "Conditions of making accurate castings in sand moulds";
 A.P. Lyubimov "The influence of the chemical composition of iron on the accuracy of dimensions of castings";
 A.G. Zhuravlyov and B.E. Zhuravlyov "Improvement in the accuracy of castings made in pressed shell moulds";
 V.V. Zhuravlyov "The accuracy of castings";
 V.V. Zhuravlyov "The accuracy of castings";
 V.V. Zhuravlyov "The accuracy of castings";
 I.I. Zhuravlyov "On the accuracy of castings made by the lost wax method";
 I.I. Zhuravlyov "An investigation of the accuracy and surface finish of castings made under pressure and by the lost wax method";
 M.I. Makul'skiy and S.E. Gulyayev "The formation of the cavity of castings during casting under pressure";
 A.A. Dudakov and N.A. Zhuravlyov "An improvement in the surface quality of castings made under pressure by forming a vacuum in the mould";
 It was established that studies on the subject of the accuracy of castings are developing rapidly and that the amount of research work and scientific publications in the field of mathematics, physics and electronics in order to develop methods for overall calculations of the accuracy, productivity and economics of casting processes the conference recommended organizing in Moscow, Leningrad and Kiyev (at scientific research institutes and universities) mixed teams consisting of foundry specialists, mathematicians, physicists and economists.

Card 1/3

Card 2/3

PHASE I BOOK EXPLOITATION

SOV/3304

Soveshchaniye po teorii liternykh protsessov. 5th, 1959
 Tchnost' otliivki i tvoy sovshchaniya (Accuracy of Castings; Trans-
 actions of the Fifth Conference on the Theory of Founding Process-
 es) Moscow, Mashiz, 1960. 206 p. 3,500 copies printed.
 Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya.
 Komissiya po tekhnologii mashinostroyeniya.

Ed. (Title page): B. B. Gulyayev, Doctor of Technical Sciences,
 Professor; Ed. of Publishing House: G. M. Soboleva; Tech. Ed.
 A. P. Uvarova; Managing Ed. for Literature on Hot-Processed
 Metals: S. Ya. Golovin, Engineer.

PURPOSE: This book is intended for scientific and technical person-
 nel at scientific research institutes, factories, and schools of
 higher education.

COVERAGE: The book contains 19 reports read at a conference on the
 accuracy of castings. The conference was organized by the
 Committee on Processing in Machine Building and sponsored by the
 Institut mashinovedeniya, 47 senn (Institute of the Science of
 Machines of the Academy of Sciences USSR). The reports, pre-
 sented by leading specialists, science workers, and production
 personnel, discuss the present state of the problem of the accu-
 racy of castings and methods of solving the problems involved.
 There are 58 references, mostly Soviet.

Komarov, L. Ye. [Engineer]. Distortion of Sand Molds

Zhukovskiy, S. S. [Engineer], and I. I. Ts'yan-chin [Engineer].
 Dimensional Errors of Castings Caused by Patterns and Flasks. 125

Dubrovskiy, A. M. [Engineer]. Effect of Thermal Distortion
 of the Molding Mixtures on the Accuracy of Castings 131

The work of investigating the distortions and thermal stress
 in the molding mixtures was carried out under the supervi-
 sion of P. P. Berg.

Pomchenko, S. I. [Engineer], and B. B. Gulyayev. Production
 of Precision Castings in Shell Molds Filled from a Waterglass
 Mixture 145

Koichin, I. P. [Engineer], and V. V. Kurbatov [Engineer].
 Production of Large Precision Steel Castings By Using Chemi-
 cally Hardening Mixtures 152

Subtsov, H. N. [Doctor of Technical Sciences, Professor], and
 I. L. Zolotarev [Engineer]. Dimensional Accuracy of Investment
 Castings 160

Goryunov, I. I. [Candidate of Technical Sciences]. Dimen-
 sional Accuracy and Surface Roughness of Castings Obtained
 by Various Methods 180

O. A. Kantor, A. Ye. Fudilov, A. I. Belyayev, and Engi-
 near V. B. Shul'man participated in making castings.

Makel'skiy, M. P. [Engineer], and B. B. Gulyayev. Formation
 of the Contours of Castings in Die Casting 193

Kolesnichenko, A. G. [Engineer]. Accuracy of Castings Ob-
 tained in Metal Molds 203

Card 6/7

SERGEYEV, Ye.M., red.; LEONOV, G.P., red.; ZHUKOVSKIY, S.Ya., red.;
DOBRUSKINA, I.A., red.; GEORGIYEVA, G.I., tekhn.red.

[Geology and characteristics of the engineering geology of the
upper Amur Valley] Voprosy geologicheskogo stroeniya i inzhenerno-
geologicheskoi kharakteristiki doliny verkhnego Amura. Moskva,
Izd-vo Mosk.univ., 1962. 171 p. (MIRA 15:5)
(Amur Valley—Geology) (Amur Valley—Engineering geology)

ZHUKOVSKIY, S.Ya.

Karst phenomena in the middle Onega Valley. *Hinl. MOIP. Otd.geol.*
37 no.4:87-97 JI-Ag '67, (MIRA 16:5)

(Onega Valley--Karst)

ZHUKOVSKIY, S.Ya., inzh. gidrogeolog

Effect of the caving zone of northern Ural bauxite mines on the
development of surface karst forms. Gor.zhur. no.10:11-13 0 '64.
(MIRA 18:1)

1. Lengidroyekt, Leningrad.

VOL'FSON, B.Ya.; ZHUKOVSKIY, V.

Prevention of the occurrence of breaks in engine valves. Trakt. i
sel'khoz mash. 32 no. 6:45 Je '62 (MIRA 15:6)

1. Altayskiy traktornyy zavod.
(Tractors--Engines)

CHUKA, A. [Ciuca, A.]; ZHUKOVSKIY, V.; MIRKU, I. [Mircu, I.]; FOSTEL'NIKU,
D. [Postelnicu, D.]

Premature aging of the population in an endemic goiter zone.
Vest. AMN SSSR 19 no.6:23-27 '64. (MIRA 18:4)

1. Institut geriatrii, Bukharest, Rumyniya.

ZHUKOVSKIY, V.

ZHUKOVSKIY, V.

Standing guard for the security of labor. Mast. ugl. 6 no.8:27-28
kg '57. (MIRA 10:9)

(Coal mines and mining--Safety measures)
(Makseyevka--Research, Industrial)

ZHUKOVSKIY, V.

Lighting of longwall mines and stopes by induction-type lamps.
Mast. ugl. 5 no.2:20-21 P '56. (MIRA 9:6)

1. Sotrudnik Makeyevskogo nauchno-issledovatel'skogo instituta
po bezopasnosti rabot v gornoy promyshlennosti.
(Electricity in mining)

ZHUKOVSKIY, V., inzhener.

Models help eliminate excess weight for machines. Tekh. mol.
24 no. 4:5-7 Ap '56. (MIRA 9:7)
(Mechanical models)

ZHUKOVSKIY, V.

Revieweing the assortment of hosiery products. Leg.prom. 14
no.9:55-56 S '54. (MIRA 7:9)
(Hosiery industry)

ZHUKOVSKIY, V.

Tekhnicheskaya Termodinamika (Technical Thermodynamics)

439 p. 1.50

SO: Four Continent Book List, April 1954

ZHUKOVSKIY, V.

Miners leave the stopè. Znan.-sila 37 no.7:5-7 J1 '62.
(MIRA 15:9)
(Coal mines and mining--Technological innovations)

